

SECRETION OF M. TUBERCULOSIS 30 kDa MAJOR EXTRACELLULAR PROTEIN BY BCG

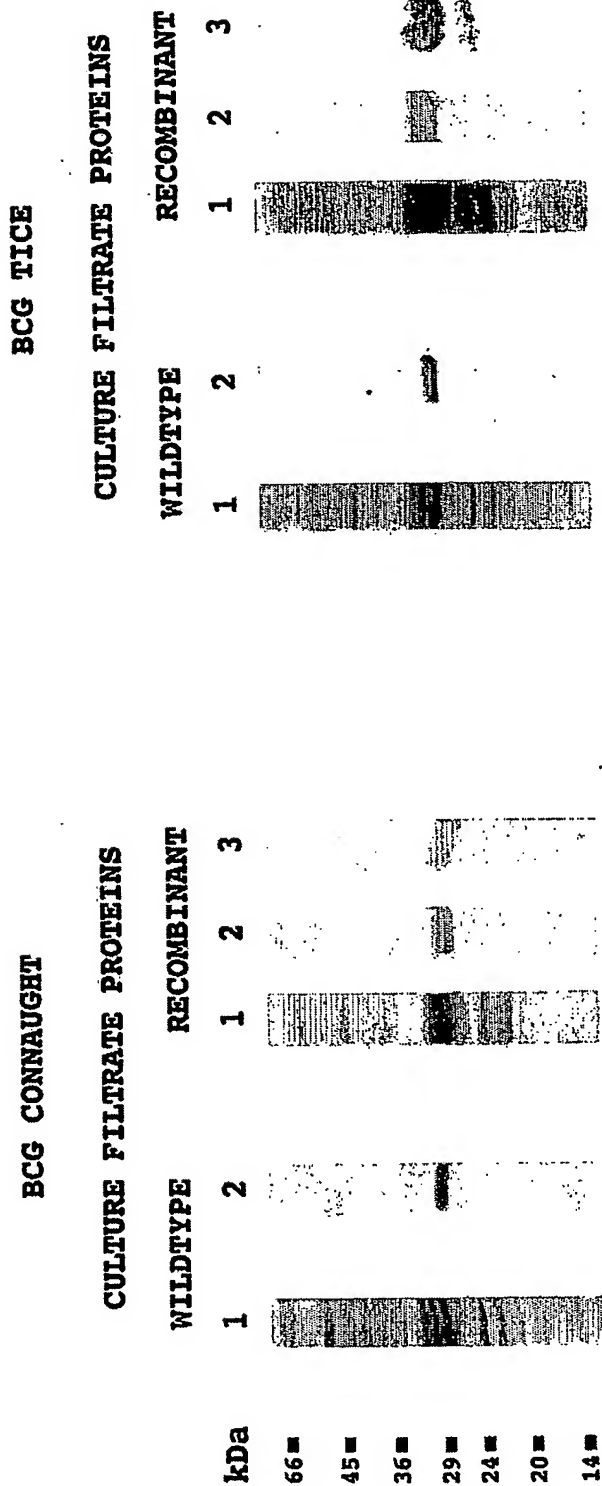
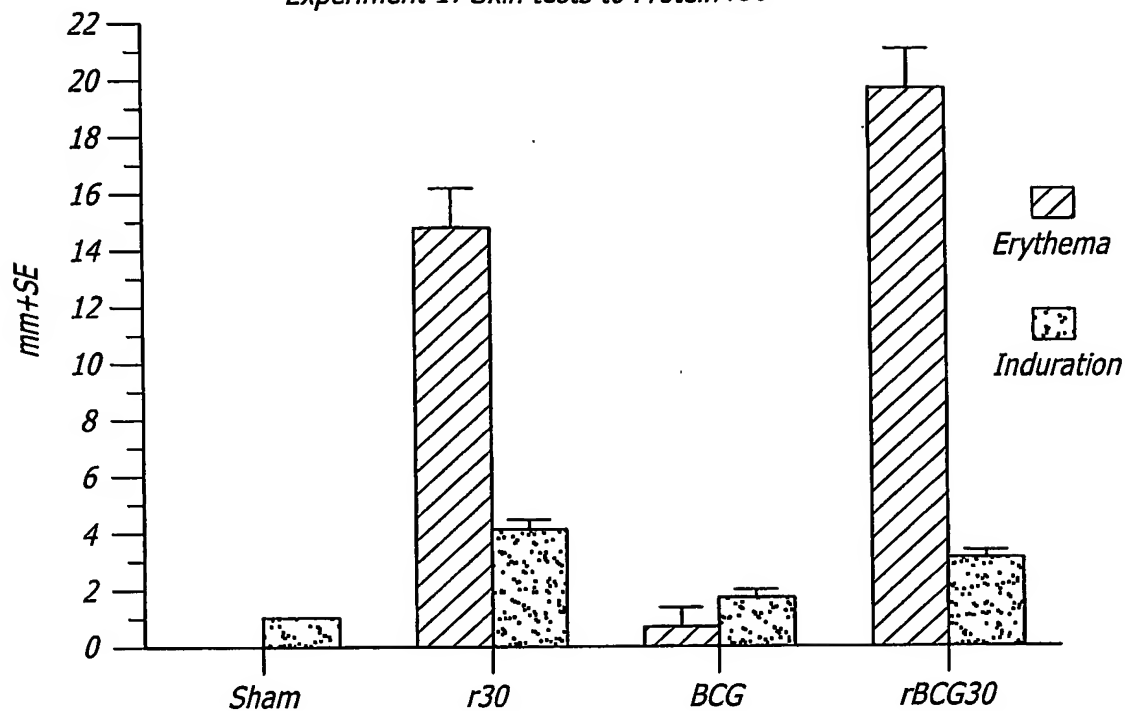
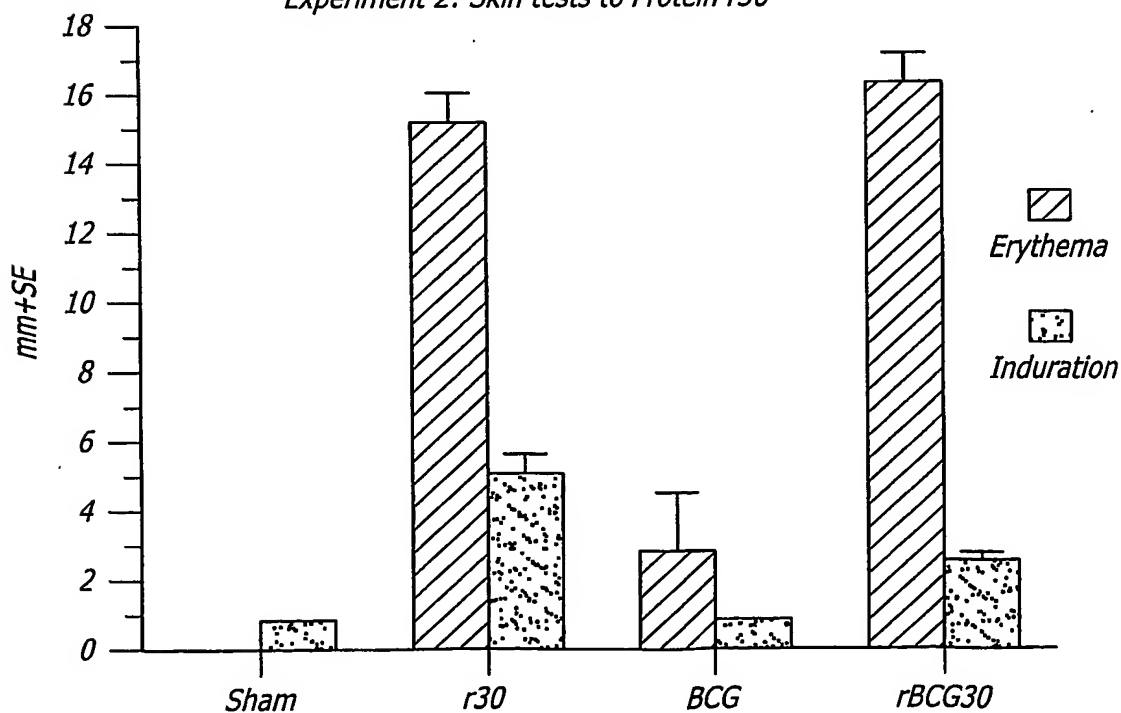


FIG. 1a **FIG. 1b**

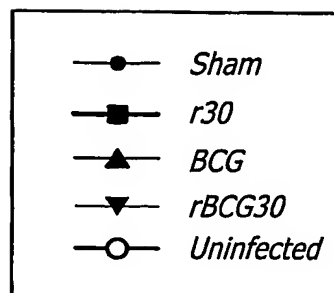
- 1, COOMASSIE STAINED PROTEINS AFTER 4 WEEKS OF GROWTH IN BROTH CULTURE
- 2, IMMUNOBLOT WITH ANTI-30 kDa PROTEIN IgG AFTER 4 WEEKS OF GROWTH IN BROTH CULTURE
- 3, IMMUNOBLOT WITH ANTI-30 kDa PROTEIN IgG AFTER 12 WEEKS OF GROWTH IN BROTH CULTURE WITHOUT HYGROMYCIN

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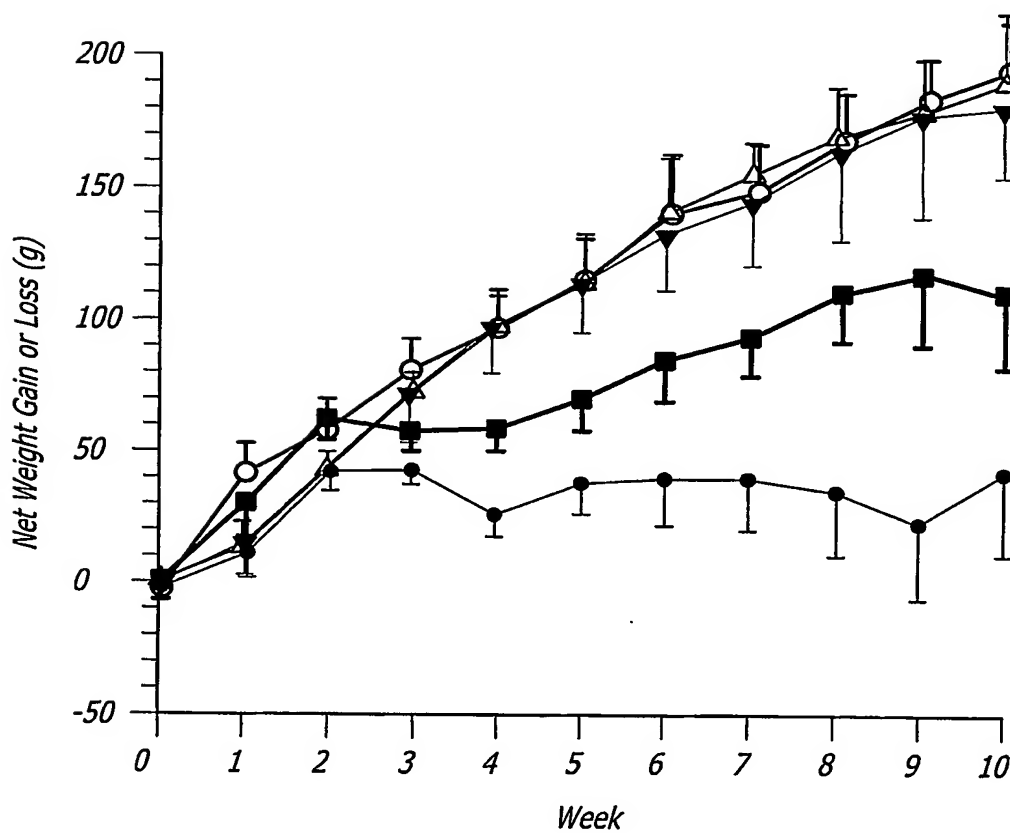
FIG. 2a*Experiment 1: Skin tests to Protein r30***FIG. 2b***Experiment 2: Skin tests to Protein r30*

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FIG. 3a

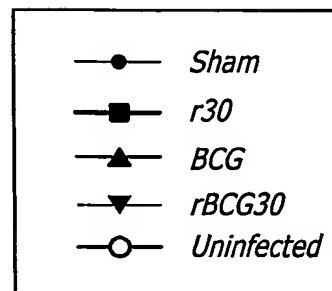


Experiment 1: Weights of Guinea Pigs After Challenge

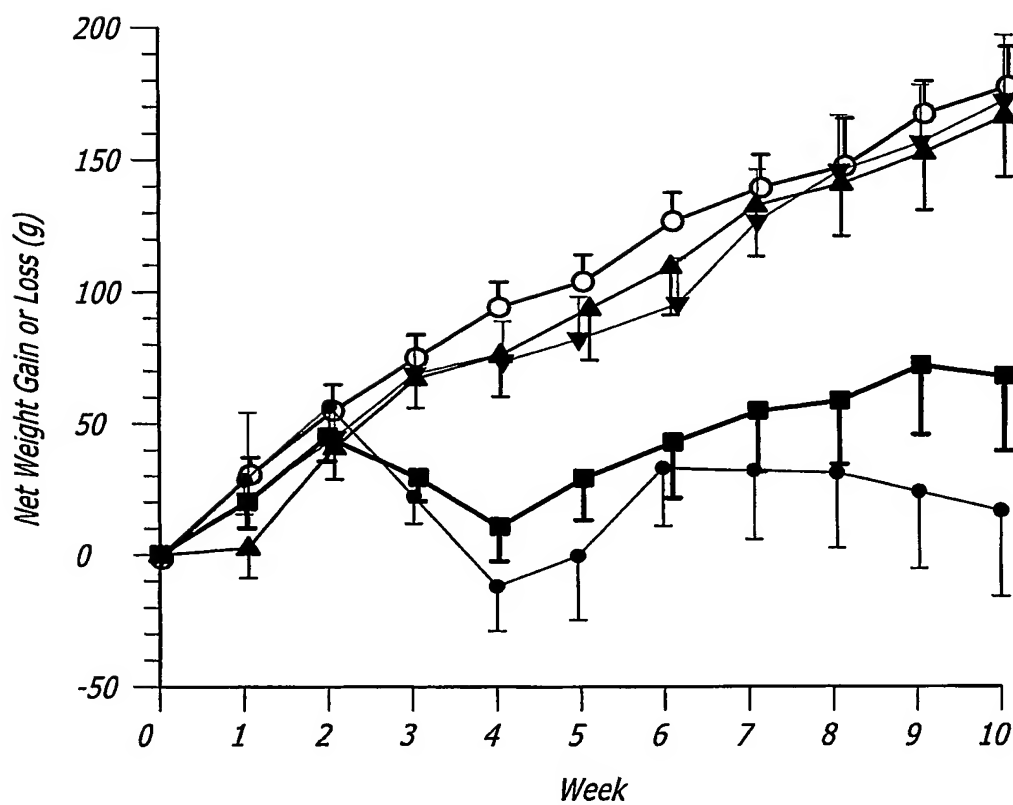


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FIG. 3b



Experiment 2: Weights of Guinea Pigs After Challenge



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Experiments 1 and 2: Lung CFU

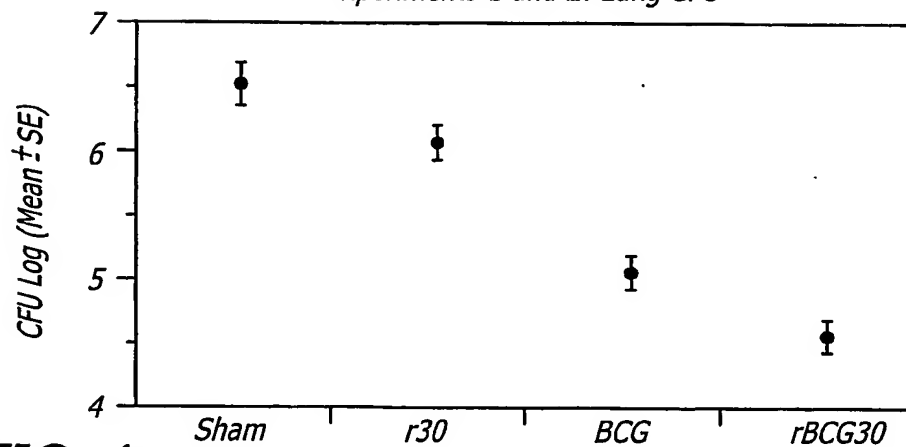


FIG. 4a

Experiments 1 and 2: Spleen CFU

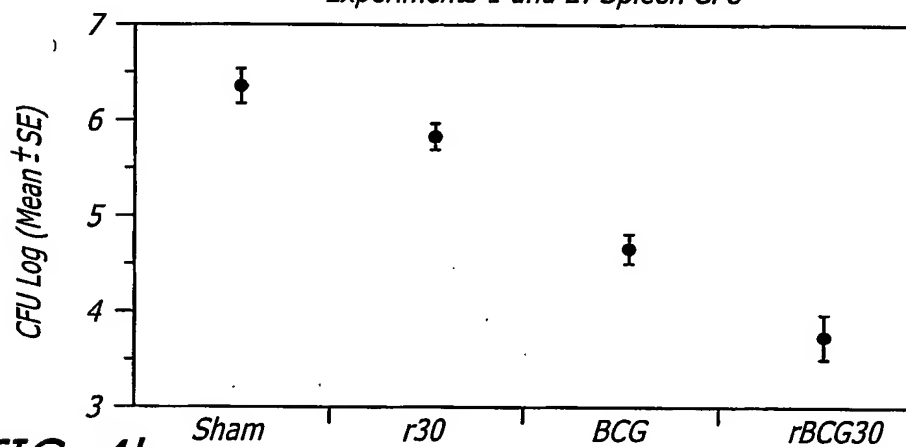


FIG. 4b

Skin Test Response to r30

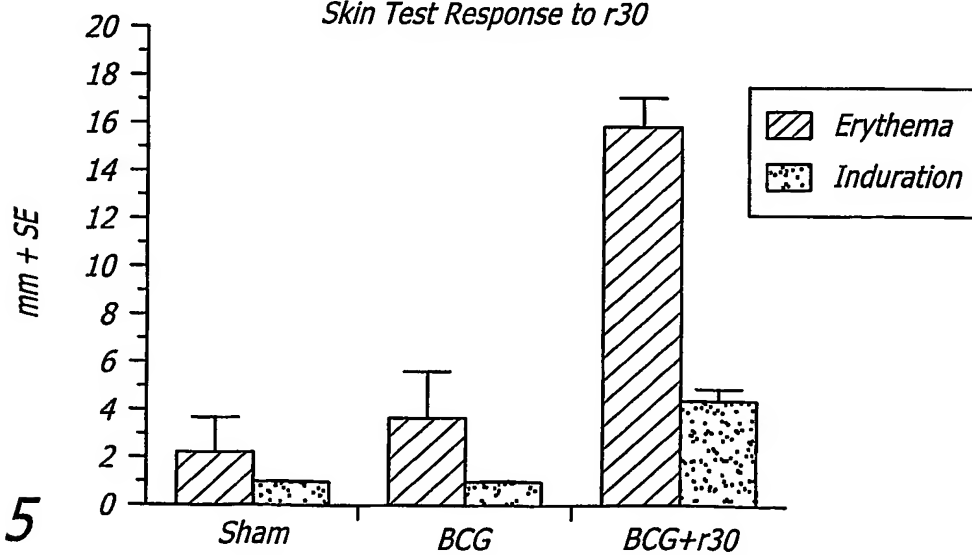


FIG. 5

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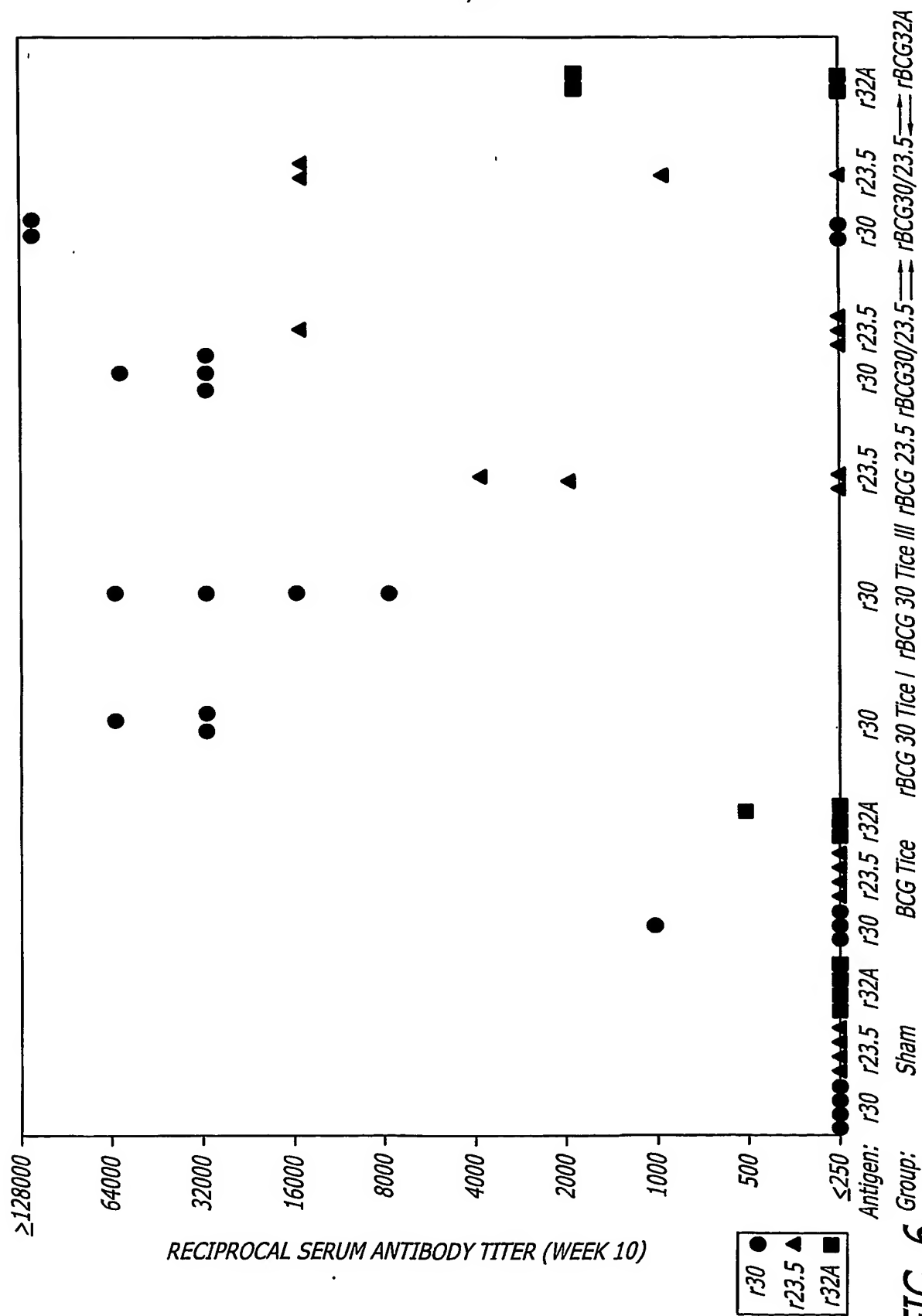
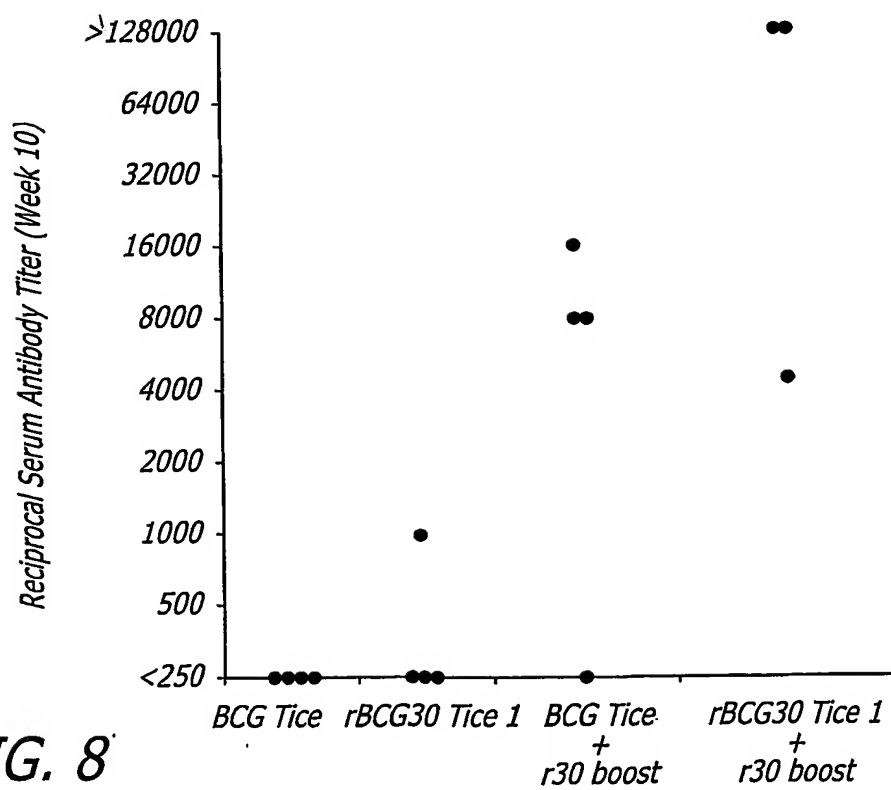
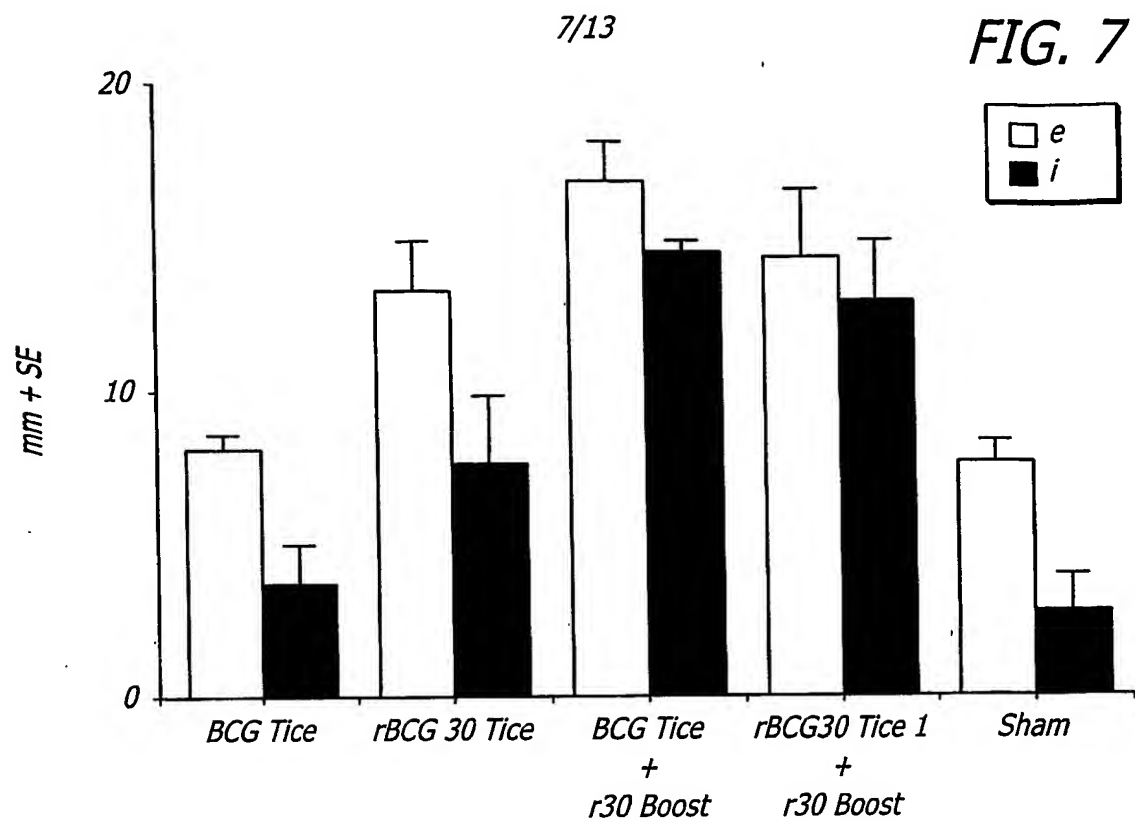


FIG. 6

**FIG. 8**

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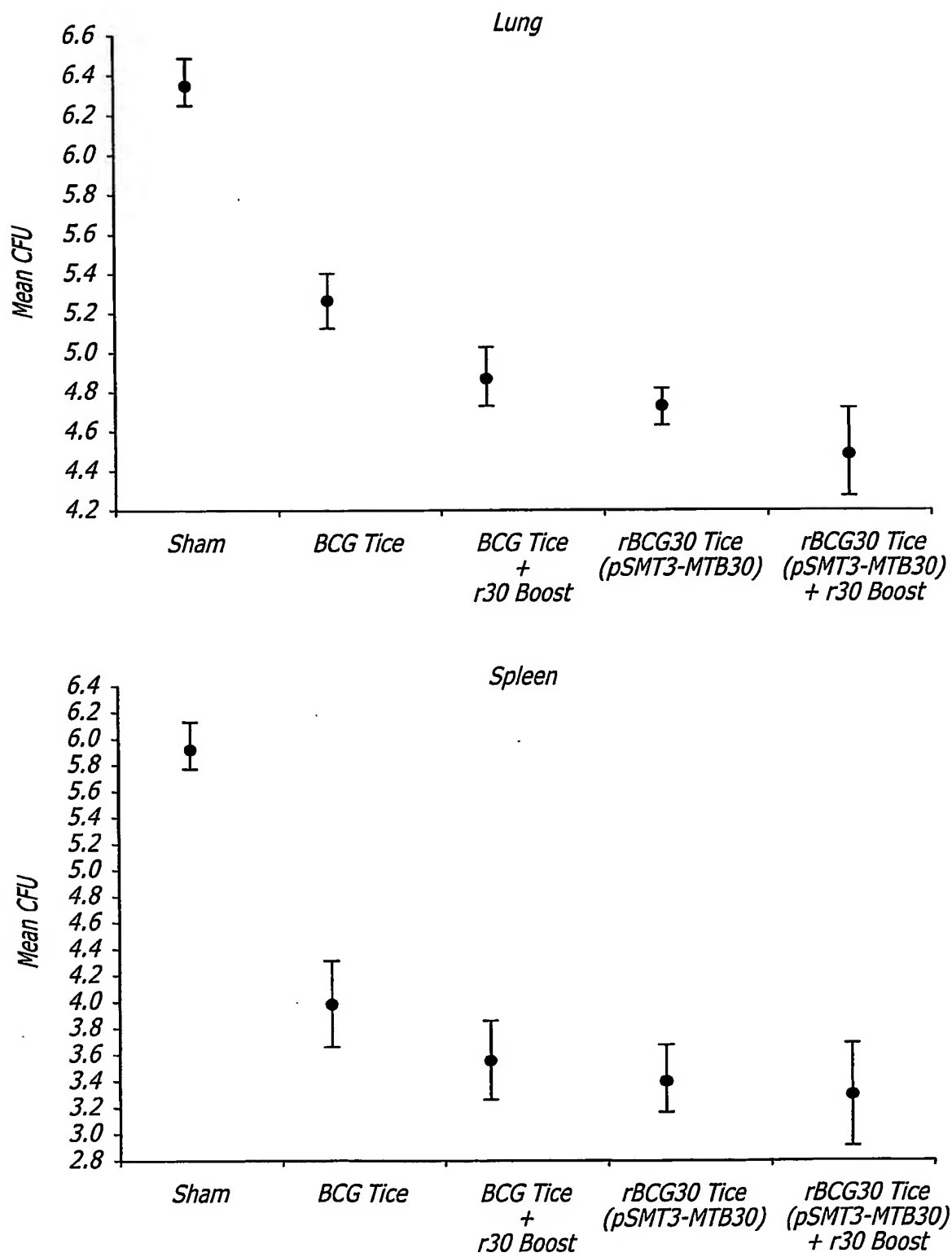
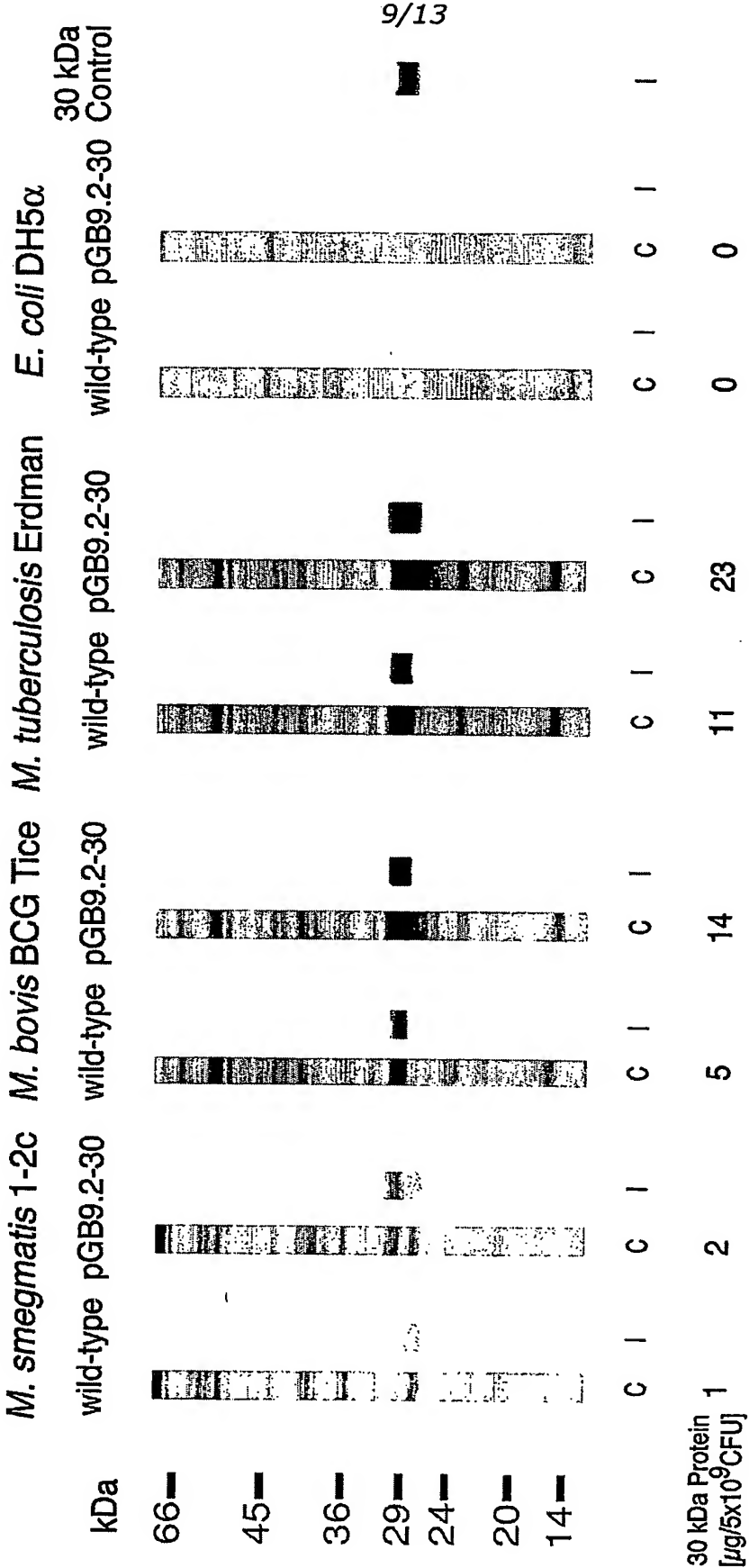


FIG. 9

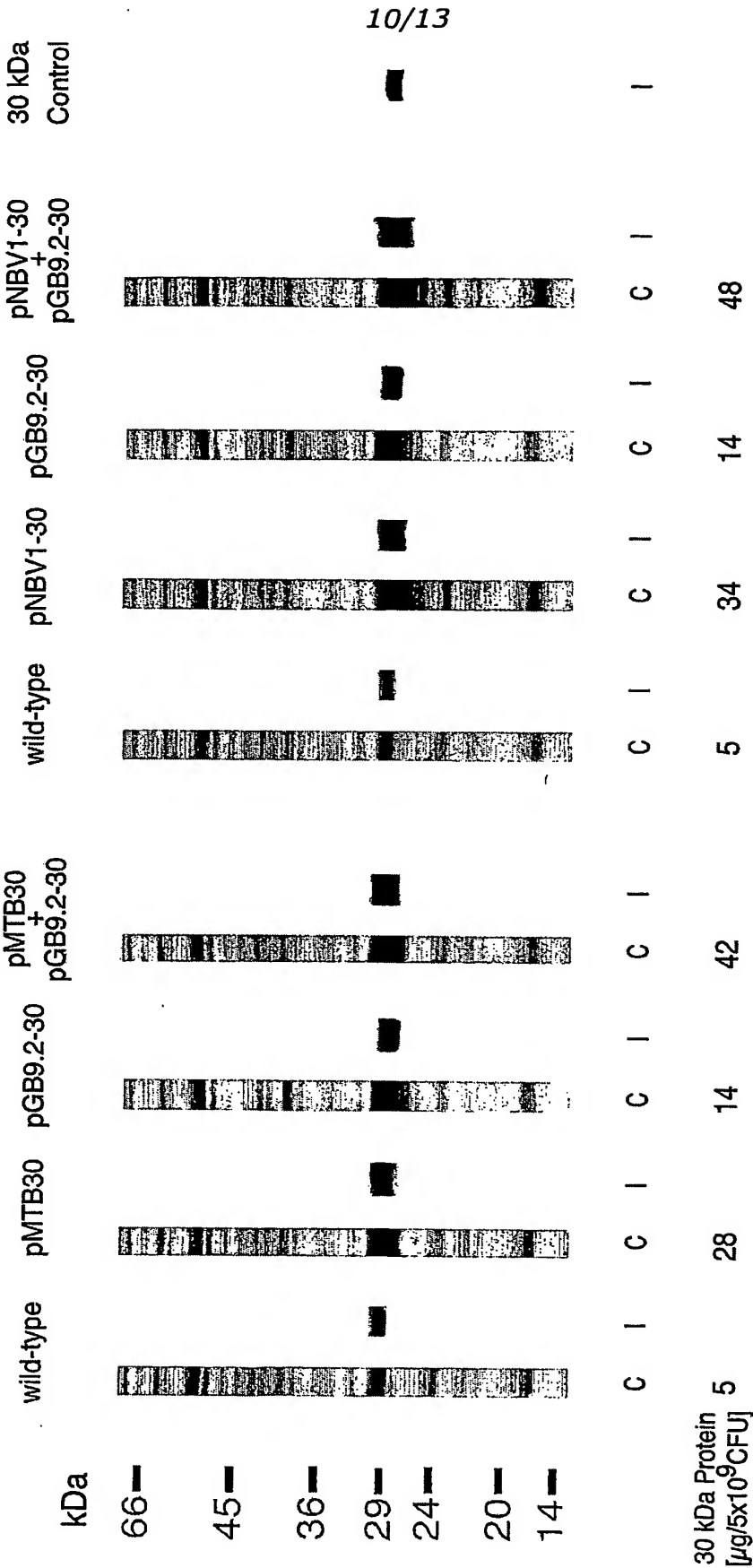
Secretion of pGB9.2-30 Expressed *M. tuberculosis* 30 kDa Protein in Various Mycobacteria



C = Coomassie-stained SDS-PAGE Gels of Culture Filtrates
I = Immunoblots of Culture Filtrates

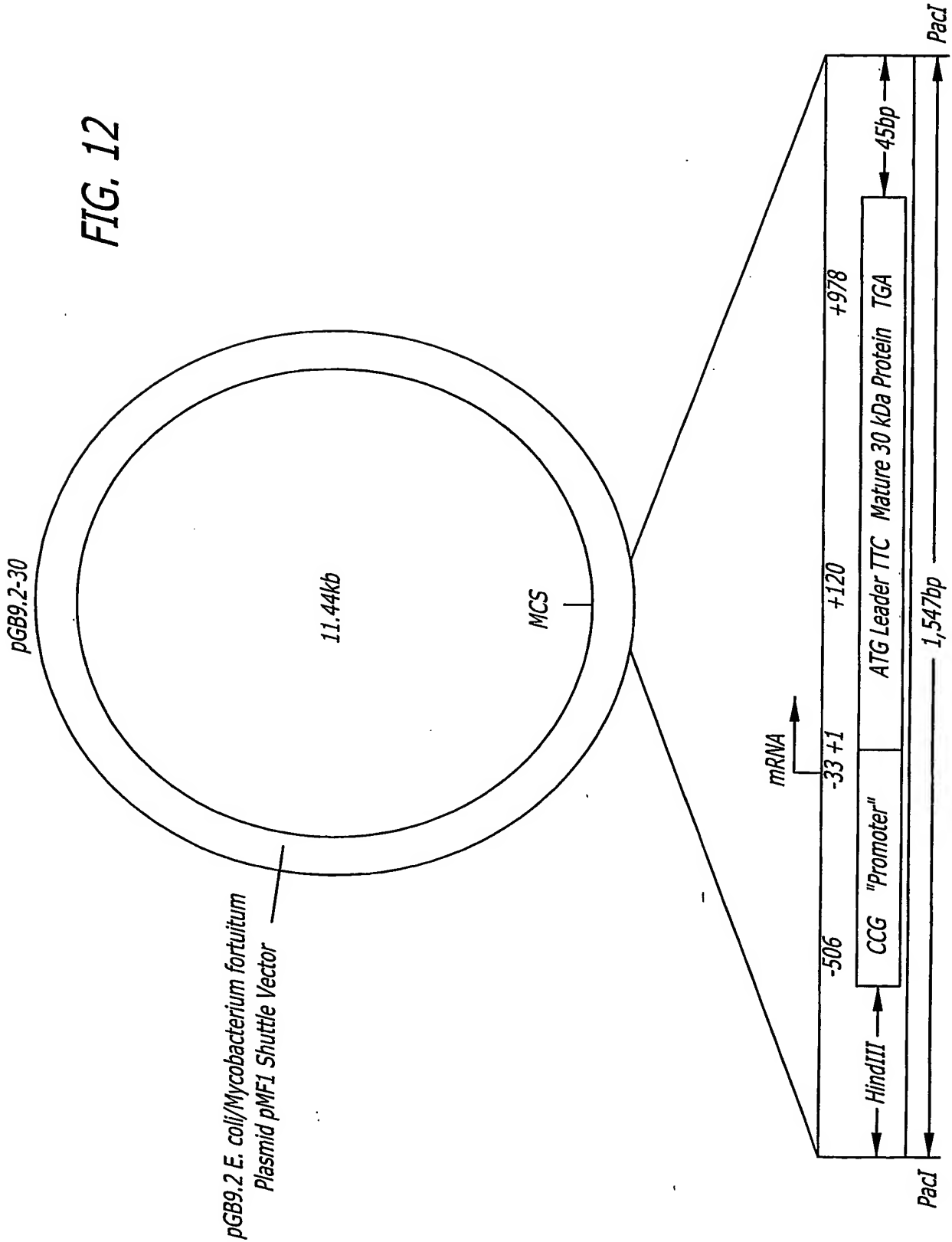
FIG. 10

Two-Plasmid System for the Expression of *M. tuberculosis* 30 kDa Protein in *M. bovis* BCG Tice



C = Coomassie-stained SDS-PAGE Gels of Culture Filtrates
I = Immunoblots of Culture Filtrates

FIG. 11



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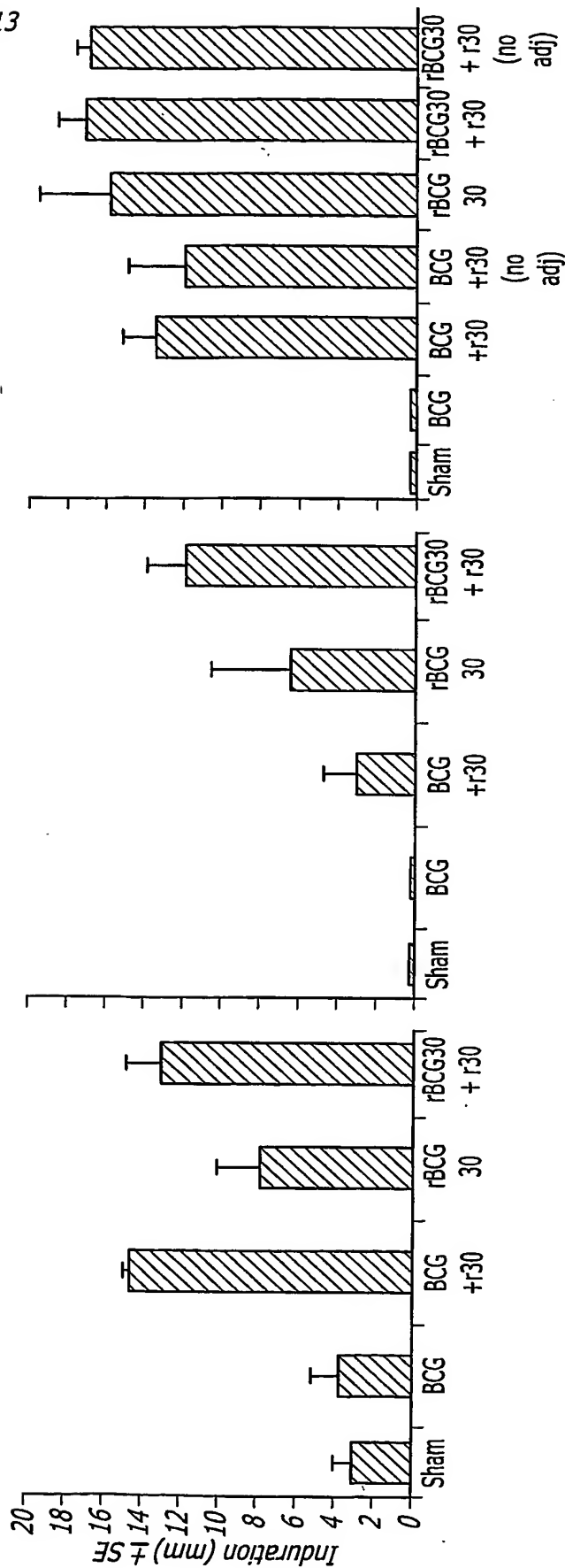


FIG. 13

FIG. 14

